

Printing date Jan 9, 2014

Reviewed Jan 9, 2014

1. Identification of substances Bisphosphonate Chemical Products

Trade Name	Stock Number
Alendronate	B-1000
Dipicoylamide-Alendronate	B-1005
Glucuronic amide-Alendronate	B-1010
DTPA-Alendronate	B-1020
Gado-Alendronate	B-1025
BisPhosphonate Alendronate	B-1015
Dextran Alendronate	B-1035

Manufacturer/supplier:
BioPAL
80 Webster Street
Worcester, MA 01603
Emergency phone: 508-770-1190

2. Composition

Alendronate and alendronate conjugates presented as a solid powder or dissolved in water.

3. Hazard identification

Possible irritant

4. First aid measures

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

5. Fire fighting measures

Extinguishing Media: Carbon dioxide or dry chemical powder

6. Accidental release measures

Procedure to be followed in case of leak or spill: Clean area wearing rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid contact with substance. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

Do not breathe the dust. Do not get in eyes, on skin, or on clothing.

Storage: Keep tightly closed. Store per directions on bottle.

8. Exposure controls

Engineering controls: Safety shower and eye bath.

Personal Protective equipment: Wear chemical resistant gloves, safety goggles, other protective clothing.

General Hygiene measures: Wash contaminated clothing before reuse. Wash thoroughly after handling.

9. Physical Chemical Properties

Trade Name	Stock Number	Appearance
Alendronate	B-1000	White to Yellow Powder
Dipicoylamide-Alendronate	B-1005	White to Yellow Powder
Glucuronic amide-Alendronate	B-1010	White to Yellow Powder
DTPA-Alendronate	B-1020	White to Yellow Powder
Gado-Alendronate	B-1025	White to Yellow Powder
BisPhosphonate Alendronate	B-1015	White to Yellow Powder
Dextran Alendronate	B-1035	Aqueous Solution

10. Stability and reactivity

Stability: Materials to avoid include strong oxidizing agents, strong acids, strong bases. Organic solvents may be appropriate for some compounds. Please inquire.

11. Toxicological information

The toxicological properties of these materials have not been established.

12. Ecological information

Biodegradable.

13. Disposal considerations

Dispose in a chemical landfill. Observe all federal state, and local environmental regulations.

14. Transport information:

This substance is considered to be non-hazardous for transport and for air transport.

15. Regulatory information

US Classification and label text

Indication of danger: Irritant

Safety statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing

16. Other information

This material is sold for research purposes only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available. BioPAL shall not be held liable for any damage resulting from handling or from contact with the above product. Copyright 2012 BioPAL. License granted to make unlimited paper copies for internal use only.